MMM		HHH HHI HHH HHI HHH HHI HHH HHI HHH HHI	RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR		
MMM MMM MMM	ΪŤ	нин ин		ŤŤ	iii
MMM MMM MMM	ŤŤŤ	нин ни		ŤŤŤ	iii
MMM MMM MMM	ŤŤŤ	нин ни		ŤŤŤ	iii
MMM MMM	ŤŤ	нининининини		ŤŤŤ	iii
MMM MMM	ŤŤŤ	нининининини		ŤŤŤ	iii
MMM MMM	ŤŤŤ	нининининини		ŤŤŤ	iii
MMM MMM	ŤŤŤ	ннн нн		ŤŤŤ	III
MMM MMM	TTT	ннн нні		ŤŤŤ	III
MMM MMM	TTT	ннн нні		ŤŤŤ	LLL
MMM MMM	TTT	нин ни	RRR RRR	TTT	LLL
MMM MMM	TTT	ннн нні		TTT	LLL
MMM MMM	TTT	нин ни		TTT	LLL
MMM MMM	TTT	ннн нні		TTT	LLLLLLLLLLLLLL
MMM MMM	TTT	нин ни		TTT	LLLLLLLLLLLLLL
MMM MMM	111	ннн нні	RRR RRR	TTT	LLLLLLLLLLLLLLLL

SYMMT MITTER MATTER MAT

- 1	
	42
	6A 00
	00 1A
	95 00
	00

MM	HH H	HH H	NN	
	\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$			

L 1 MTH\$HINT Table of contents - FLOATING TRUNCATION 16-SEP-1984 01:36:26 VAX/VMS Macro V04-00 Page 0 50 63 95 145 HISTORY
DECLARATIONS
MTH\$HINT
MTH\$HINT_R8 (2) (3) (4) (5) ; Detailed Current Edit History H to H truncation JSB entry point

MTH 2-C

076 000 EDI

000 000 250

000 E50 000 7A:

000 AC 000 FA/

000 E5 000 DD

8

45 467 48

(1)

MTH\$HINT - FLOATING TRUNCATION /1-005/ ; File: MTHHINT.MAR

M 1

EDIT: JAW1005

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FACILITY: MATH LIBRARY

ABSTRACT:

This module contains routine MTH\$HINT: Return truncated H floating argument.

VERSION: 1

HISTORY:

AUTHOR:

Steven B. Lionel, 18-Jan-79: Version 1

MODIFIED BY:

MTH 2-C

5F19217AL 5E14291 5E2047E2 6217E2 621

MTH 2-C

000 480

000

069

Page

.SBTTL DECLARATIONS INCLUDE FILES: EXTERNAL SYMBOLS: NONE MACROS: \$PSLDEF PSECT DECLARATIONS:
PSECT _MTH\$CODE PIC, SHR, LONG, EXE, NOWRT

B 2

: PSL macros

EQUATED SYMBOLS:

OWN STORAGE:

08 BC 04 BC 04 BC 04 BC 08 BC 04 BC 63FD

.ENTRY MTH\$HINT, EMODH a8(AP), #0, #1, a4(AP), a4(AP)

: first arg gets fraction : a4(AP) = integer_part(arg) SUBH3 @4(AP), @8(AP), @4(AP) RET

RSB

.END

Restore IV to previous state

MTH 2-0

Page

```
E 2
                                                                                                                                       VAX/VMS Macro V04-00
[MTHRTL.SRC]MTHHINT.MAR;1
MTHSHINT
                                             - FLOATING TRUNCATION
Symbol table
                     00000000 RG
00000015 RG
= 00000020
MTHSHINT
MTHSHINT_R8
PSLSM_IV
                                                                       Psect synopsis
PSECT name
                                              Allocation
                                                                          PSECT No.
                                                                                          Attributes
                                                                                          NOPIC
NOPIC
PIC
                                                                                                                               LCL NOSHR NOEXE NORD
LCL NOSHR EXE RD
LCL SHR EXE RD
                                                                                                                                                              NOWRT NOVEC BYTE NOWRT NOVEC LONG
                                              00000000
                                                                                                              CON
CON
    ABS
                                                                                                                      ABS
ABS
REL
                                                                                   0.)
                                                                                                     USR
SABSS
                                              00000000
                                                                                                     USR
MTH$CODE
                                              0000002D
                                                                                                     USR
```

Performance indicators ! ------

29	00:00:00.10	00:00:00.79
119	00:00:00.97	00:00:02.74
47	00:00:00.02	00:00:00.02
3	00:00:00.02	00:00:00.02
710	00:00:00.00	00:00:00.00
	29 118 119 0 47 2 0 319	118 00:00:00.50 119 00:00:00.97 0 00:00:00.02 47 00:00:00.48 2 00:00:00.02 2 00:00:00.02 0 00:00:00.00

The working set limit was 900 pages.
4109 bytes (9 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 41 non-local and 0 local symbols.
193 source lines were read in Pass 1, producing 13 object records in Pass 2.
8 pages of virtual memory were used to define 7 macros.

Macro library statistics !

Macro Library name

Macros defined

_\$255\$DUA28:[SYSLIB]STARLET.MLB:2

98 GETS were required to define 4 macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL, TRACEBACK)/LIS=LIS\$:MTHHINT/OBJ=OBJ\$:MTHHINT MSRC\$:MTHHINT/UPDATE=(ENH\$:MTHHINT)

0262 AH-BT13A-SE

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